

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number
WO 2005/064155 A1

(51) International Patent Classification⁷: F03D 5/02

(21) International Application Number:
PCT/KR2004/003394

(22) International Filing Date:
22 December 2004 (22.12.2004)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2003-0098238
27 December 2003 (27.12.2003) KR

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(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

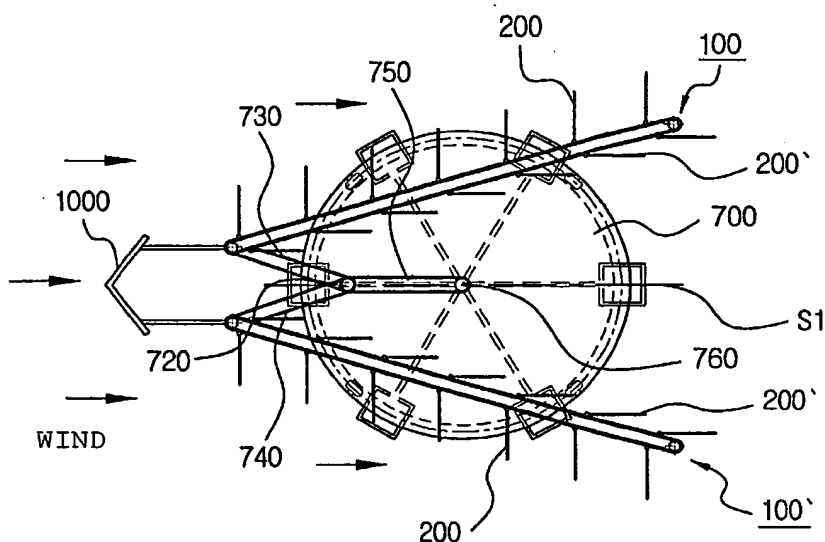
(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: WIND TURBINE



(57) Abstract: A wind turbine for producing electricity using wind. In a power generating section, a driving shaft, columns, and a guide shaft are installed between a base frame fastened to a support plate and a cover frame positioned above the base frame. Guide rails are fastened to the columns to define closed loops which surround the driving shaft, guide shaft and columns. Sail structures each of which can be adjusted in its wind pressure acting area by means of a geared motor and a coil spring are connected to sprocket chains provided in the guide rails such that the sail structures can be moved along the guide rails by wind force to rotate sprocket chains and sprockets of the driving shaft which are meshed with the sprocket chains. Two power generating sections are installed to transmit power generated by the driving shaft to an auxiliary sprocket through power transmitting chains.